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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Charles M. Lieber et al.  
Serial No.: 10/812,653  
Confirmation No.: 3416  
Filed: March 29, 2004  
For: NANOSCOPIC WIRE-BASED DEVICES, ARRAYS, AND  
METHODS OF THEIR MANUFACTURE  
Examiner: Howard Weiss  
Art Unit: 2814

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to **MAIL STOP AMENDMENT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 29 day of October, 2004.

  
Signature

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

Sir:

Please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this preliminary amendment.

**Remarks** begin on page 11 of this preliminary amendment.